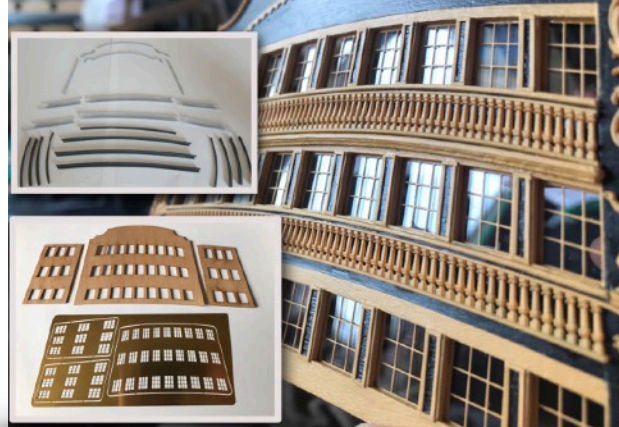




Gallery Enhancement Kit (Deluxe version)



BEFORE YOU START

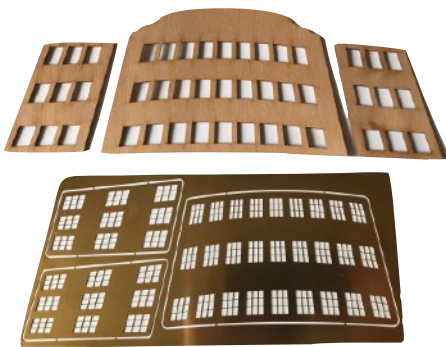
The Gallery enhancement kit was designed by me after studying the actual ship and using accurate drawings from the book 'Anatomy of the Ship'.

This build guide is more of a build diary of how I used the kit on my model. So for no means do you need to exactly follow my guide if you want to do certain things differently. Using this aftermarket kit, it is assumed you are proficient in basic "kit bashing".

hope you find this guide helpful and I ultimately hope this kit massively enhances the look of your model.

The mouldings were created using a 3D printer for modellers who want to enhance their Gallery, but do not have my 'Moulding Scriber Tool' (Sold separately) I personally prefer wooden mouldings created by the additional scriber tool.

Package contents



- 1 x Plywood rear panel
- 2 x Plywood side panels
- 1 x Brass Photo-etch sheet

- 6 x Baluster rails (Resin printed)
- 5 x Rope style edging (Resin printed)
- 1 x Curved decoration (Resin printed)
- 12 x Numbered mouldings (FDM printed)



STAGE 1 - REMOVE KIT PANELS

I recommend removing the kit plywood panels. As the windows of this kit do not line up to the kit's windows.

For my model pictured, I decorated the inside of the cabins by scratch building the furniture. As I wanted to be able to see through the windows. However unless the model is lit internally, it is very dark inside the cabins. So you may feel it is not necessary to decorate the cabins. However the internal sides of the gallery can still quite easily be seen.

If not decorating the inside cabins. I suggest painting the inside black.



STAGE 2 - PREPARE THE PANELS

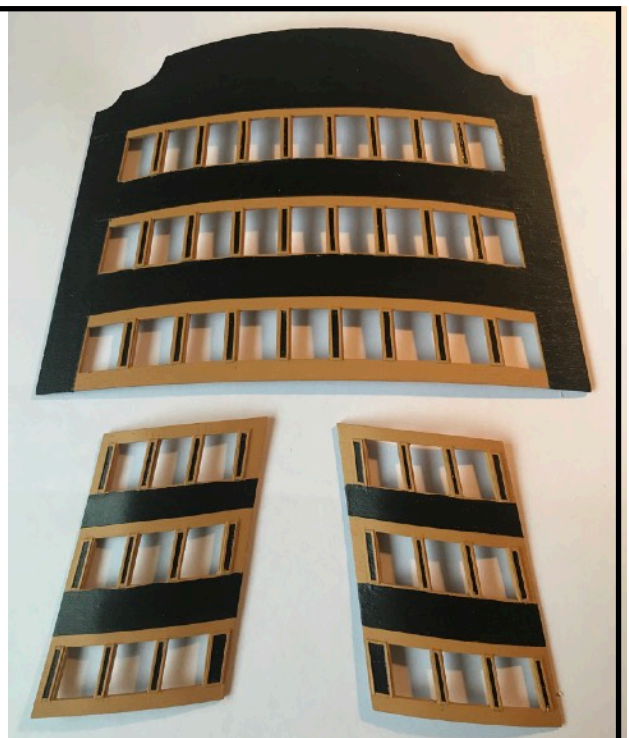
The kit panels used a support, which curved piece of wood glued to the rear of the panel to strengthen it and to gently curve the rear panel. I recommend reusing this or creating new supports.

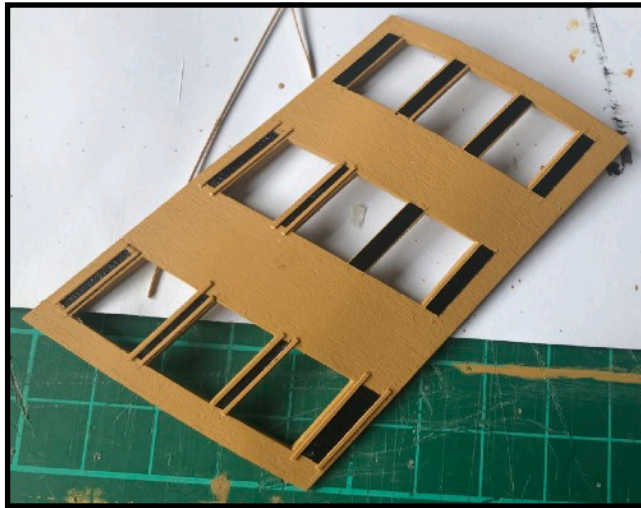
The grain in our plywood panels is vertical so that they can be easily bent without breaking. To remove this grain I recommend using a model primer like Mr Surfacer. Then lightly sand with fine grade sandpaper.



STAGE 3 - MASKING & PAINTING

- First paint the yellow ochre areas. 2/3 coats may be needed.
- Using Tamiya masking tape. Mask the panels like illustrated.
- TIP: To prevent bleeding. Then paint what should be black, yellow. This yellow may slightly bleed but will not be seen and will better seal the masking tape.
- Then paint over with the dull black. Again 2/3 coats may be needed.
- Pull away the masking tape and you should find absolutely no bleeding.

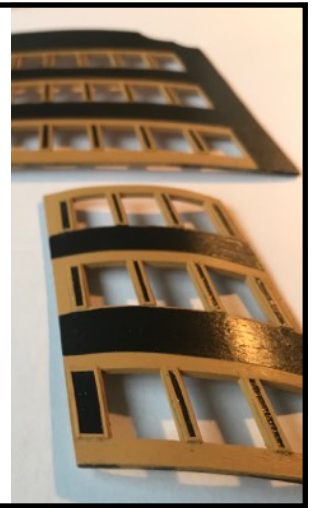




OPTIONAL STEP

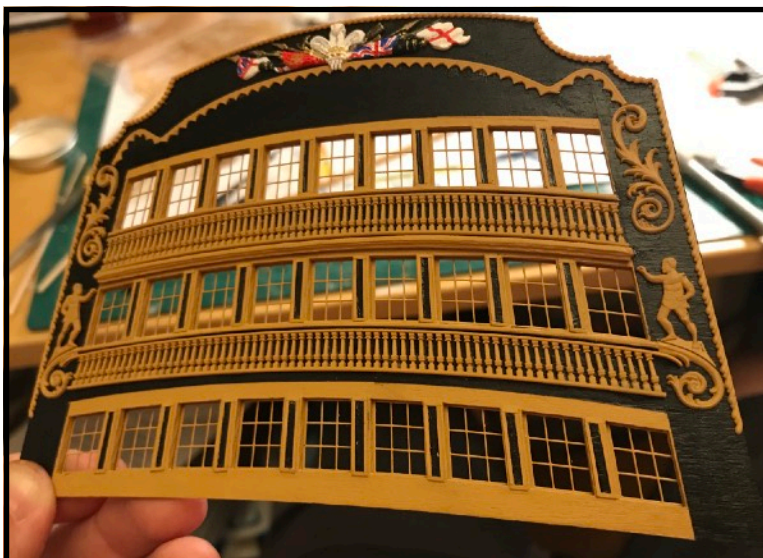
For my model I created mini mouldings between each window. By using 0.5 x 0.3mm Styrene strip.

This is personal preference because these are so small that they can be difficult to see on the actual ship unless viewed close up.



STAGE 4 - PREPARE THE PHOTO-ETCH PARTS

- Gently put bends into the PE parts to match the bend of the plywood panels.
- Give them a coat of metal primer. I recommend VMS Metal prep 4K for brass PE.
- Paint the window areas yellow ochre. I recommend using an Airbrush.



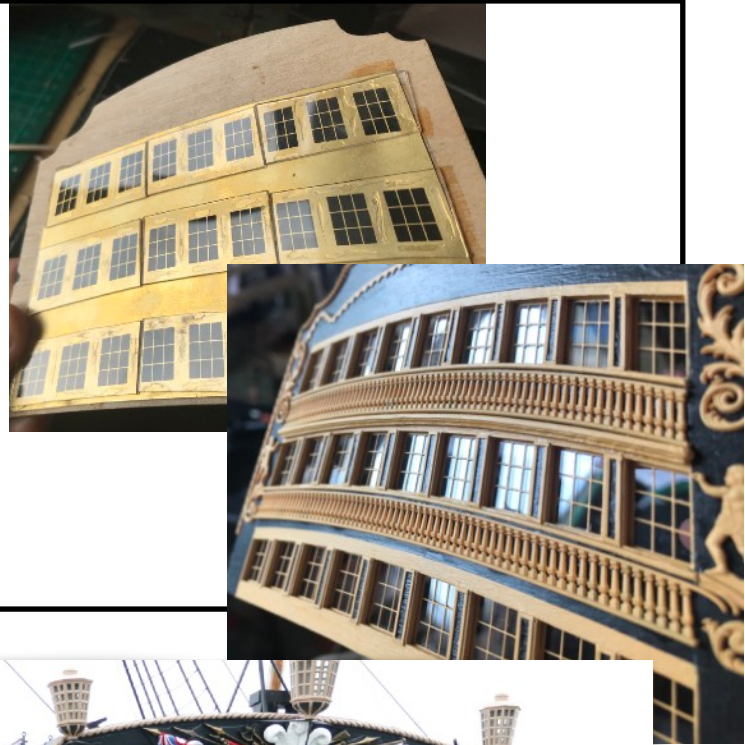
STAGE 5 - ADD THE DETAILED PARTS

I chose to use the more higher detailed decorations from shapeways. For the side decorations this was just for ascetics. However the kit version of the 'coat of arms' is way too big. So I recommend the shapeways 'coat of arms'

- Airbrush paint all the decorations before adding to the panel.
- Glue all decorations as illustrated.
- Cut and glue the 2mm moulding above the middle row of windows.
- Leave the 2 lower mouldings for now.

STAGE 6 - ADD THE 'GLASS'

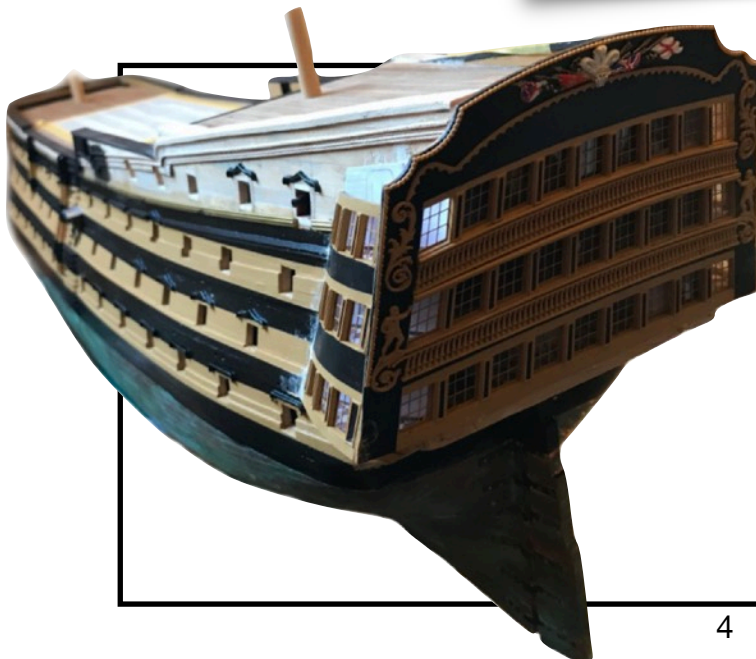
- Superglue the brass PE to the inside of the plywood panels (rear and sides). Be careful to line them up precisely.
- I recommend using clear plastic PETG as it closely resembles glass. Cut into small pieces.
- Put small amounts of superglue on the brass around the windows but not too close the window frames. This to prevent the glue fogging the plastic.
- Place the PETG pieces in place. Be careful not to slide them to prevent getting glue on the viewable 'glass'.



MOULDING LOCATIONS

I have studied each moulding design around the viewable areas of the ship, and designed a 3D model for each one for the Gallery. Each moulding strip supplied in this kit is numbered on the back to help you locate its intended position on your model.

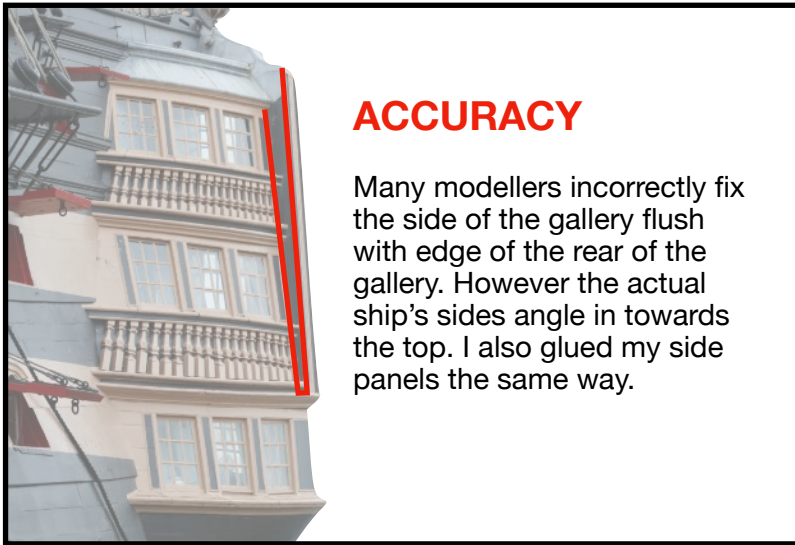
The lowest 3 mouldings need to be cut to size and joined at a 45° angle.



STAGE 7 - ATTACH TO MODEL

- Test fit the rear and side panels.
- Glue the rear panel first. I recommend 2-part epoxy resin for this.
- Chamfer the front edge of the side panels so they blend into the hull.
- You may need to cut back the floor panels to suit.
- Glue the side panels in place as per the images below.

COMPLETING THE SIDE GALLERY



ACCURACY

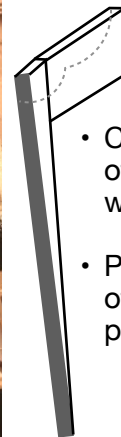
Many modellers incorrectly fix the side of the gallery flush with edge of the rear of the gallery. However the actual ship's sides angle in towards the top. I also glued my side panels the same way.



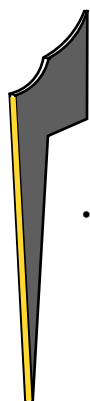
The side of the rear panel has these 3 yellow lines with black recesses.



- Glue the side panel in place.
- It can be blended in with the hull with wood filler.
- The No2 moulding can now be added all around the Gallery.



- Cut 2 pieces of 2.5mm wood like this.
- Paint the edge of the longer piece black



- Cut 1mm wood to this shape to hook over the side panel.
- Paint the front black and the edge yellow.



- Paint the Balusters Yellow Ochre.
- The top and bottom rails are supplied too long. So you can cut them to the right length.
- This high detail resin is very brittle, so I recommend sharp snippers, or a sharp xacto blade on glass.



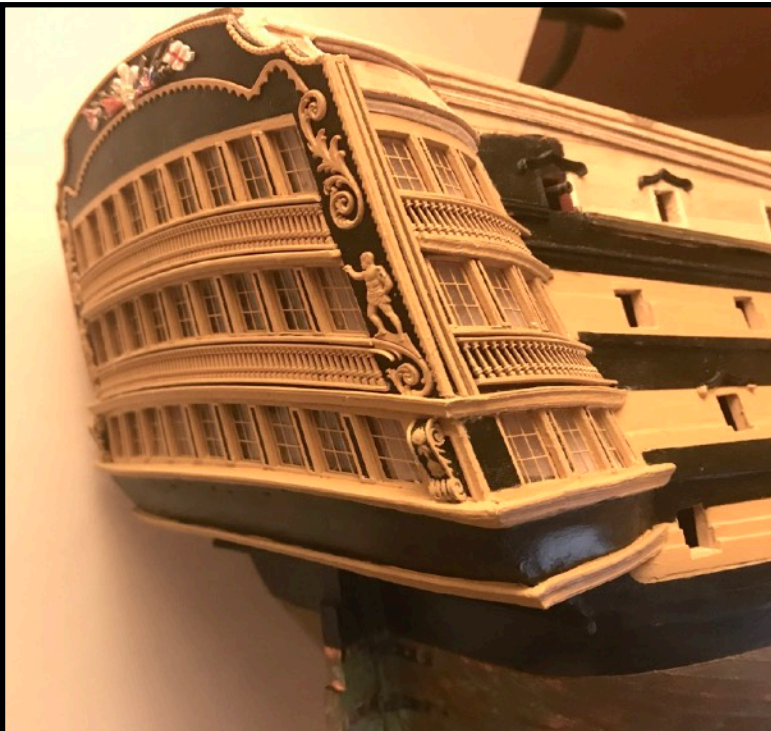
- Window ledges: Using 1 x 1mm wood. Round off the front edge. Soften in hot water, then paint and super glue in place.
- Resin parts can be made more malleable by submersing them in hand hot water for 10 minutes. Before superglueing in place.



- Using 1 x 1mm wood. Paint Yellow and glue onto the middle of the edge rear panel you made.
- Add a small piece across the top.



Using a round file. Round off the additional pieces you added to match the curves of the rear panel.



ADD THE LOWER MOULDINGS

I have not finished my gallery at the time of making this. But after following the kit instructions to add the area for the 'Victory' sign. Then the mouldings 3 & 4 can be added.

I hope you agree that the finished result is very impressive and much closer in accuracy to the actual ship.

FURTHER TIPS



THE ROOF

I recommend 'John Builds Iconic Military Models' YouTube channel. On part 37 of his Victory build playlist, he goes into enhancing the roof of the Gallery sides.

LEAD CAPPING

I will not be adding wood capping to top of the rear Gallery panel. Like the actual Victory the yellow edging should be right up to the edge on all sides. The real Victory just has this area covered in lead. I will be using real self adhesive lead for this area. This can be purchased from many places including eBay.

RESIN CHARACTERISTICS

We have pushed our printers and the capabilities of resin to achieve very high detail parts it the limit. The sacrifice of this is that parts can be quite fragile. Pieces can snap easily when sanding or cutting with a blunt knife. Please be careful with them.

It is common with thin parts of resin, that they can warp over time. If you find this has happened, hold it in hand hot water for 10 minutes and then hold it down onto a hard surface to straighten it out. Once an item is glued in place, it will always hold that position.

You may see small bumps on the unseen sides where the print supports have been removed. A good thing about this type of resin is that it sands very easily. I recommend using a fine grade nail file for sanding them.

For best results I recommend painting all the parts before adding them to the model with superglue.

ACCIDENTS

If you accidentally break a resin part. We would be happy to help and supply a free replacement of this part. However we simply ask you to pay for the postage to get it to you. Please contact us using the email below.



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